Page 4, Line 22, delete "15".

Page 8, Line 23, after "will" insert -- not --.

Page 9, Line 3, change "for" to -- from --.

Page 12, Line 20, change "a" to -- as --.

Page 21, Title, delete "NETWORK WAKE-UP".

Page 21, Title, after "PATTERN MATCHING" insert -- IN COMMUNICATIONS NETWORK --.

In the Claims:

1   Claim 1 (Amended) A network interface card including:

2   a system interface circuit arrangement;

3   a network interface circuit arrangement;

4   a first storage [for storing] that stores a set of patterns;

5   a second storage [for storing] that stores mask data identifying patterns in the

6   first storage to be matched; [and]

7   a circuit that receives other data; and

8   a pattern match logic circuit arrangement correlating marked patterns <u>in said first</u>

9   <u>storage</u> with the other data and generating at least one first control signal if a match

10   occurs between one of the marked patterns and the other data.

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1   Claim 8 (Amended) The network interface card of claim 1 wherein the pattern match

2   logic circuit arrangement includes a first state machine for assembling data received

3   from the network interface circuit arrangement into predetermined sizes and identifying

4   beginnings and endings of data frames; and

5   a second state machine coupled to the first state machine, said second state

6   including [means for receiving] <u>circuit that receives</u> the predetermined sizes from the

7   first state machine and [means for generating] <u>circuit that generates</u> addresses for

8   accessing the pattern storage and mask storage, whereat data are to be read and used

9   with the predetermined sizes in generating the first control signal.

Claim 9:

Line 1, change "means" to --circuit--.

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1   Claim 12 (Amended) A pattern matching method including the steps of:

2   (a)   providing a set of patterns;

3   (b)   providing [a set of] data <u>to be matched with selected patterns in said set</u>

4   <u>of patterns</u>;

5   (c)   providing [mask] <u>pointers</u> for identifying [portions of] the <u>selected</u> patterns;

6   (d)   correlating the data[, from the set of data,] with [identified portions] the

7   selected patterns in step (c); and

8   (e)   generating a Match signal if the data of step (d) and the [identified portion

9   of the] selected [pattern] patterns match.

1   Claim 13 (Amended) A method for using in a communications network to wake station

2   connected to the communications network said method including the steps of:

3   (a)   providing, on a network interface card, multiple [a set of] patterns against

4   which data from the communications network is to be matched;

5   (b)   providing mask data indicating [portions of a pattern] the patterns to be

6   used;

7   (c)   correlating each identified [portion] pattern with data received from the

8   communications network; and

9   (d)   generating a Wake-Up signal if a match occurs in step (c).

1   Claim 14 (Amended) The method of claim 13 further including the steps of (e) a

2   receiving station correlating a station address with an address received with the data

3   from the communications network; and

4   (f)   generating the Wake-Up signal only if a match occurs in step e [(step e)]

5   and a match occurs in step c [(step c)].